

**UNIVERSITY OF MICHIGAN & SCHOOL OF INFORMATION
SI 539: Design of Complex Web Sites**

Assignment 2 - Basic CSS

Due Date: Tuesday January 22, 2008 at 11:55PM

Install Mozilla Firefox and Add-ons

You will need to install Firefox on your computer to complete this assignment. You should download and install Firefox from:

<http://www.mozilla.com>

You should also install the Web Developer add-on from:

<https://addons.mozilla.org/en-US/firefox/addon/60>

Optionally you can install Firebug as well:

<https://addons.mozilla.org/en-US/firefox/addon/1843>

CSS Deliverables

The purpose of this assignment is to add CSS styling to the HTML that you developed in the first assignment. This assignment very much follows Chapter 3 of the Lloyd book.

Please don't just clone the content in the book - write up your own simple content which mimics the structure of the book's content.

- Your CSS should be in a single file and included in all three of your HTML files. There should be neither inline nor embedded CSS in your HTML files.
- Your CSS should validate using the CSS validator at <http://jigsaw.w3.org/css-validator/>
- Your HTML should remain XHTML compliant and validate at <http://validator.w3.org/>
- Your CSS should style all documents in a sans-serif font of your choosing.
- Your HTML should have a background color other than the default.
- The navigation and header should be at the beginning of all three files - when you navigate between the files - it should appear like the navigation is not moving - it appears on the same place on the screen for all three files.
- Your text should be a color other than the default.
- You should style your `<h1>` and `<h2>` tags as shown in page 110 of the text - they should have a different background than the document background. You can pick any colors that you like.

- Your CSS/HTML should demonstrate an example of styling using both a class and an id.
- Your HTML must include styled div tags and styled span tags.
- Your HTML must include a styled tag within another tag similar to the example on page 107-108. That is, you should have a specific style that is only triggered when it is within another tag, like the <p> tag within the <blockquote> tag on pages 107-108.
- You must style all of your links - they may not be underlined.

You do not have to replicate the content of the BubbleUnder site. You can make up any content you like as long as there are three inter-linked pages and they demonstrate everything in the list above. In a way, it is simpler if you keep your content simple and just demonstrate each of the features above. You do not have to use the color scheme in the book - pick your own colors and make it look nice.

Hand In

You should hand the following in using CTools:

- ✓ All three of your HTML files and your CSS file. The first HTML file should be named index.html or index.htm.
- ✓ A screen shot of one of your pages in a browser.
- ✓ A screen shot of another of your pages in a browser, with the “Outline Block Elements” feature of the Web Developer plug-in turned on.
- ✓ A screen shot of your CSS successfully validating at the CSS validator.
- ✓ A screen shot of one of your HTML pages validating at the HTML validator.